

## An Informative Full day Seminar:

### Part 90 & 490

# Permit Required Confined Spaces

## 1 Who Should Attend . . .

This program is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs.
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work.
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA).

## 2 MIOSHA Training Institute

MIOSHA Consultation Education and Training (CET) Division and Macomb Community College (MCC) have developed the MIOSHA Training Institute (MTI) through a formal alliance. The MTI introduced an Assessment-Based Certificate program, effective October 1, 2007. This course is a MTI Level Two course. The certificate program offers participants an opportunity to be recognized for their educational efforts and increased technical expertise. Courses are offered throughout the state in sponsorship with other M-TEC<sup>SM</sup> facilities, community colleges, and safety and health organizations. To learn more about the certificate program, log-on to the CET Division website at [www.michigan.gov/mti](http://www.michigan.gov/mti).

## 3 What You'll Learn . . .

This course primarily focuses on the proper application and interpretation of 1910.146, Permit Required Confined Spaces is the primary objective of this course. Photographs of actual spaces will be used to help understand the definition and identification of confined and permit required confined spaces. Three means of entering a permit space are described by 1910.146; these entry procedures will be discussed along with their correct implementation. Important principles of air monitoring and ventilation will be discussed and actual case studies will be used to illustrate important concepts.

### Agenda

*We offer a flexible  
program agenda  
to emphasize the  
health and safety  
topics you  
want most.*

- ▶ Identify Confined Spaces
- ▶ Identify Permit Spaces
- ▶ Review of 1910.146 (PRCS)
- ▶ Apply the Three Methods Allowed by 1910.146 to Enter a Permit Space
- ▶ Discuss Key Air Monitoring and Ventilation Principles

The meeting site and parking is accessible. Individuals attending the meeting are requested to refrain from using heavily scented personal care products, in order to enhance accessibility for everyone. People with disabilities requiring additional services (such as materials in alternative format) in order to participate in the meeting should call 517.322.1809. The Department of Licensing and Regulatory Affairs is an equal opportunity employer/program.

# Facilitator

Gregg Grubb was appointed to MIOSHA's Consultation Education and Training Division in September 2006 as a Senior Industrial Hygiene Consultant servicing southwest Michigan. Gregg has worked for the State of Michigan as an Industrial Hygienist since 1987. During this time, he has spent 16 years working with MIOSHA in various education and training, consultative, and enforcement capacities. He also spent six and a half years running comprehensive environmental and occupational health and safety programs for a state-wide crime laboratory system. In this position, Gregg provided technical industrial hygiene, safety, and environmental assistance, developed training programs, conducted audits, and developed written programs.

Gregg has a B.S. in Chemical Engineering from Michigan State University. He also serves as a member of the American Conference of Governmental Industrial Hygienists' Industrial Ventilation Committee and is a co-coordinator of Michigan's Industrial Ventilation Conference.

Presenters: Gregg Grubb and Curtis Johnson, Industrial Hygienists;  
MIOSHA-CET Division



**Gregg Grubb**  
*Senior Industrial Hygienist,  
MIOSHA, CET Division*

## Program Details

DATE:	September 14, 2011	TIME:	Check-in - 8:30 a.m. Program - 9:00 a.m. to 4:00 p.m.
LOCATION:	Lansing Area Safety Council 3315 S. Pennsylvania Ave. Lansing, Michigan 48910	DEADLINE:	Register by September 8, 2011 Please register early!
COST:	\$105 per person. Includes lunch and course materials.  Certification/Maintenance Points Available	CONTACT:	Sandy Long - 517.394.4614 or 866.423.7233 or <a href="mailto:info@safetycouncil.org">info@safetycouncil.org</a>

**COSPONSOR: Lansing Area Safety Council**

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

## How to Register

Parts 90 & 490 -  
Permit Required Confined Spaces

### Five Easy Ways to Register:

► **Phone:** 517.394.4614 or 866.423.7233

► **Fax:** 517.394.1117

► **Email:** [info@safetycouncil.org](mailto:info@safetycouncil.org)

► **Web:** [www.safetycouncil.org](http://www.safetycouncil.org)  
**Select: Class Calendar**

► **Mail:** Lansing Area Safety Council  
3315 S. Pennsylvania Ave.  
Lansing, MI 48910  
Attn: Sandy Long

Please Make Check or  
Money Order Payable to:

**Lansing Area Safety Council**

Name: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Email: \_\_\_\_\_  
Number Attending: \_\_\_\_\_ @ \$105 each = \$ \_\_\_\_\_  
Mastercard or Visa #: \_\_\_\_\_  
Credit Card Verification Number: \_\_\_\_\_  
Print Credit Card Holder's Name: \_\_\_\_\_  
Signature: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

All meetings are accessible and barrier free. Please contact the cosponsor or CET Division, at least two weeks in advance, to request necessary accommodations.